



climate of Portland harbor
Daniel Haskell to: Kristine Koch

07/21/2011 05:01 PM

Hi Kristine,

Here attached in this email is the climate summary for Portland Harbor. I have formatted it, where appropriate, to reflect the existing Duwamish climate summary (below). Please critique! =)



PortlandHARBORclimate.docx

Daniel

2.4 METEOROLOGY - SOURCE: Lower Duwamish Waterway Remedial Investigation Report FINAL

The climate of the Puget Sound area is characterized as "Pacific marine." The prevailing winds move moist air inland from the Pacific Ocean, moderating both winter and summer temperatures. According to the Western Regional Climate Center (WRCC), which has compiled meteorological data from 1931 to 2007 (WRCC 2007), monthly average winter temperatures at Sea-Tac International Airport (December through February) range from 4 to 6°C (40 to 43°F), and monthly average summer temperatures (June through August) range from 16 to 18°C (60 to 65°F). Over 50% of the annual precipitation in the region falls between the months of October and January. Annual monthly average precipitation at Sea-Tac International Airport ranges from 2 to 15 cm (0.8 to 6.0 in.), with an annual average precipitation of 97 cm (38 in.) (WRCC 2007). Winds in the Duwamish Valley are typically from the south and southwest in the late fall, winter, and spring and from the north in the summer and early fall (PSCAA 2007c; Battelle et al. 2001). Annual monthly average wind speeds at Sea-Tac International Airport range from 11 to 14 km/hr (7 to 9 mi/hr) (WRCC 2007).

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